

FIG. 1

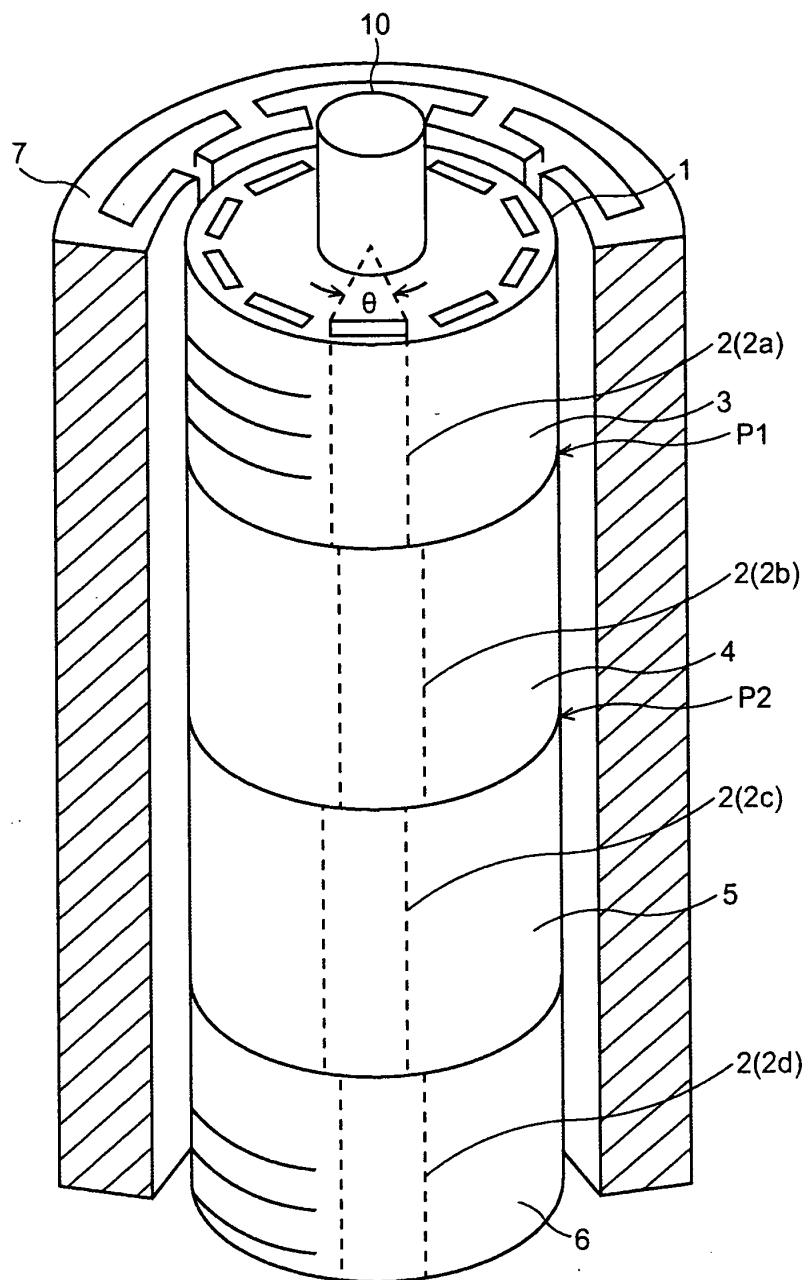


FIG. 2

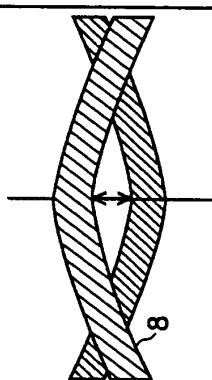
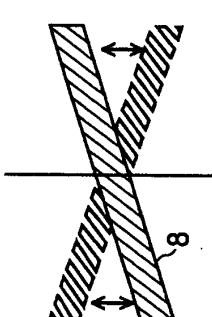
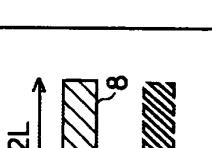
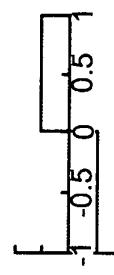
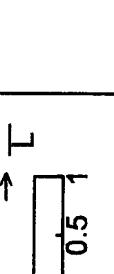
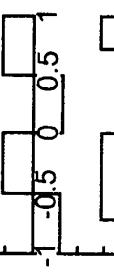
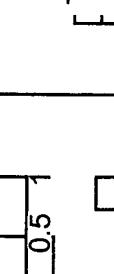
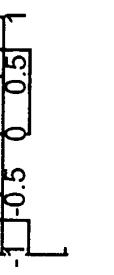
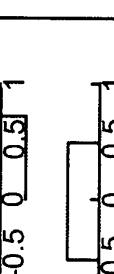
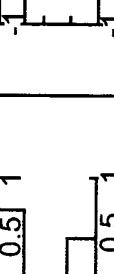
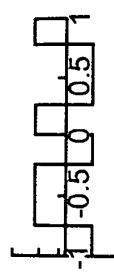
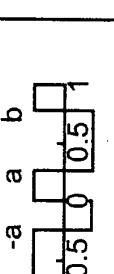
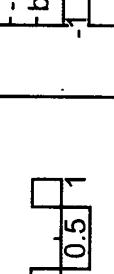
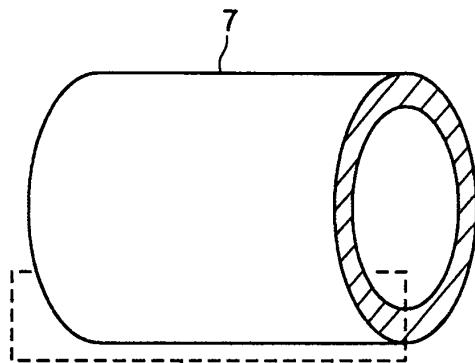
AXIAL DIRECTION MODE OF STATOR CORE	DEGREE 0 $x=0$	DEGREE 1 $x=0$	DEGREE 2 $x=0$
			
ORTHOGONAL CONDITIONS OF ELECTROMAGNETIC EXCITING FORCE	$\int_{-L}^L F(x) dx = 0$	$\int_{-L}^L x F(x) dx = 0$	$F(-x) = F(x)$
ORTHOGONAL EXCITING FORCE CASE A			
CASE D			
CASE G			
CASE H			

FIG. 3

(a)



(b)

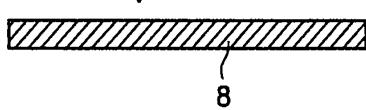


FIG. 4

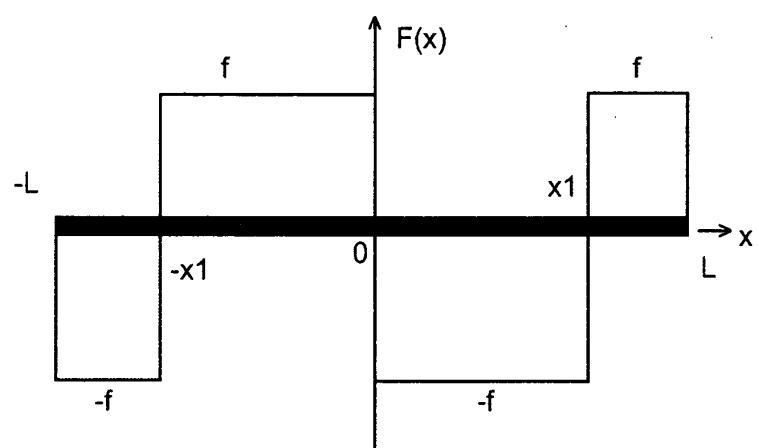


FIG. 5

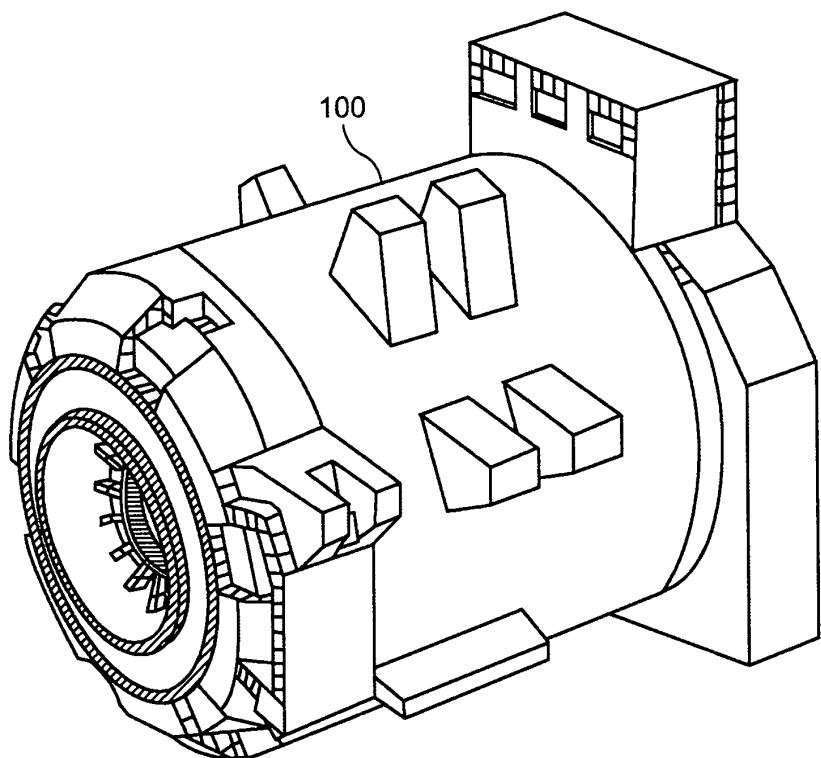


FIG. 6

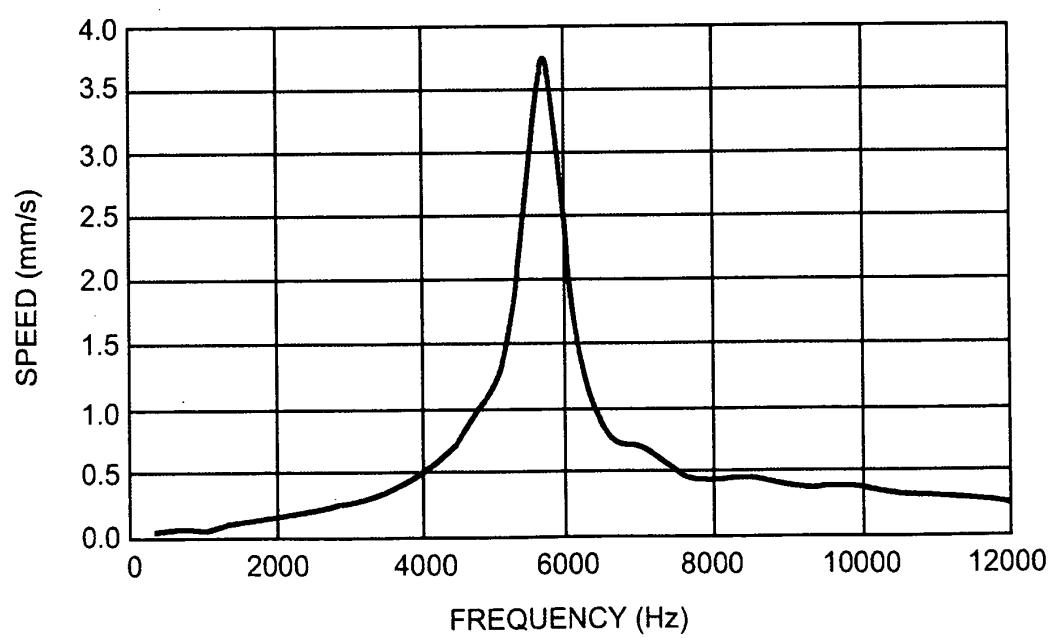


FIG. 7

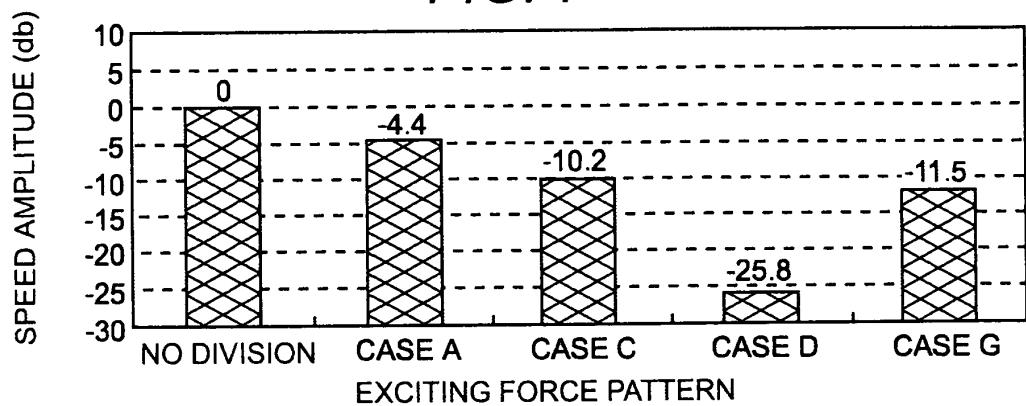


FIG. 8

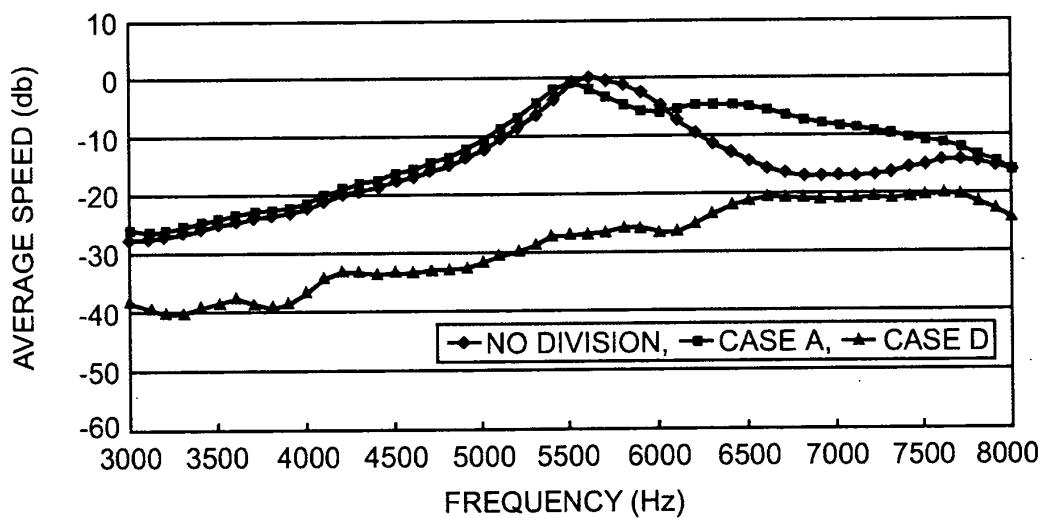


FIG. 12

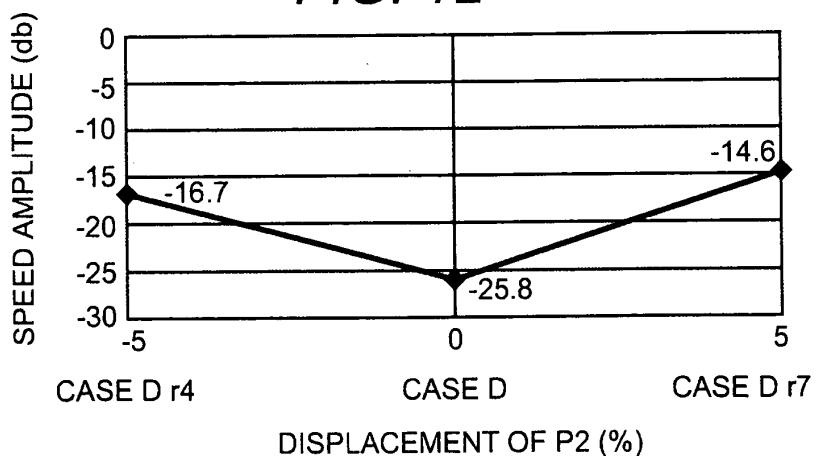
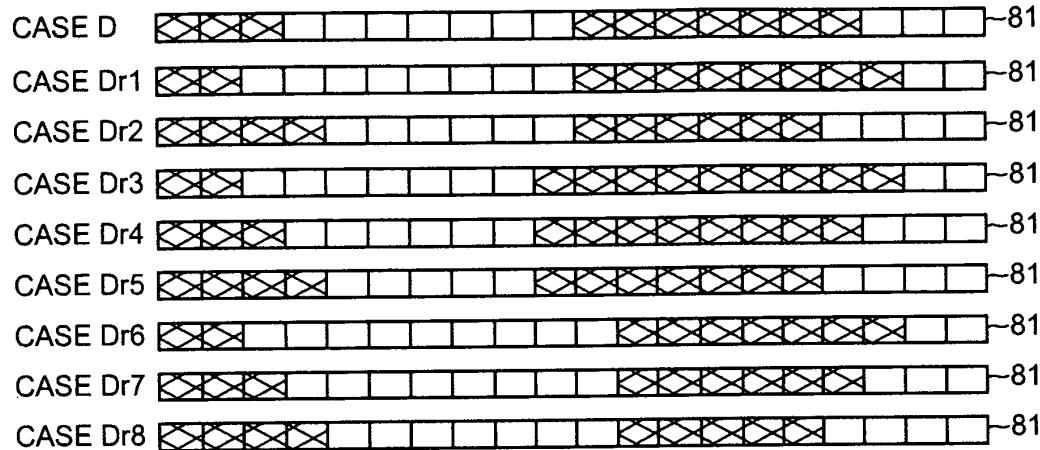


FIG. 9

## EXCITING FORCE PATTERN



NOTE:  PHASE DIFFERNE 0  
 AXIAL DIRECTION

FIG. 11

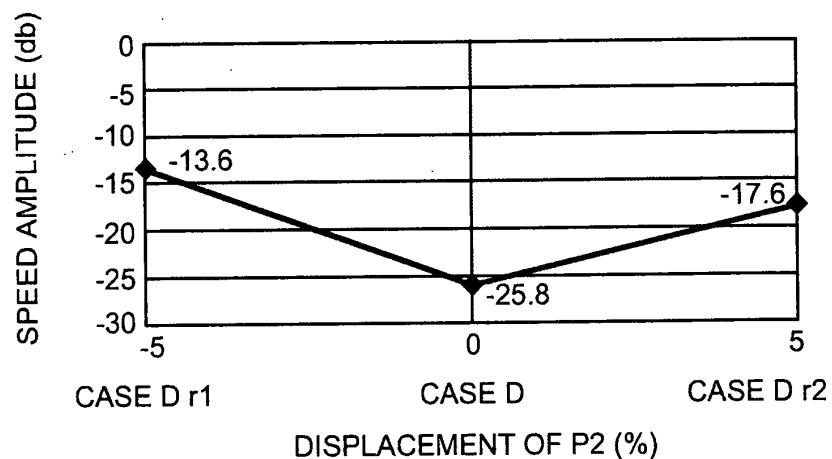


FIG. 10

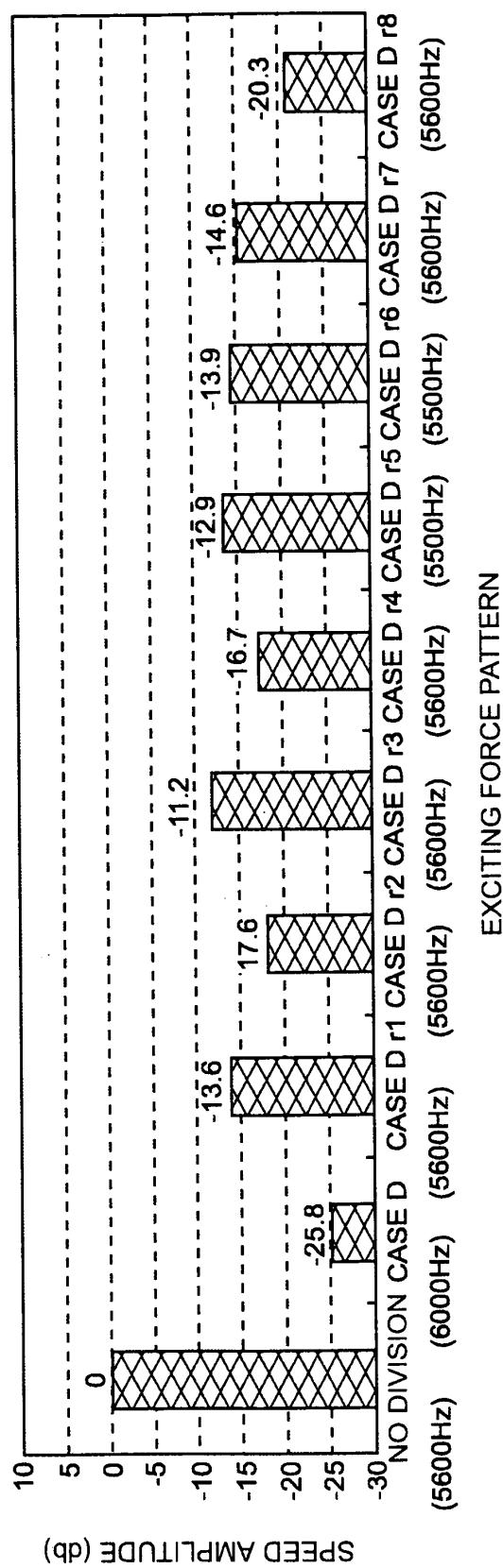


FIG. 13

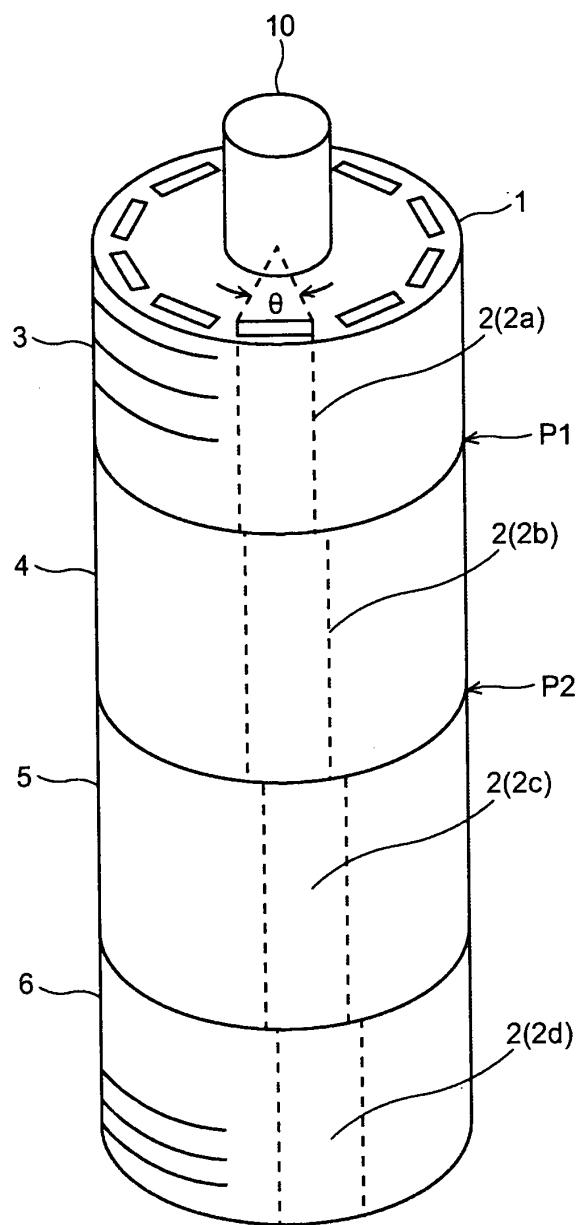


FIG. 14

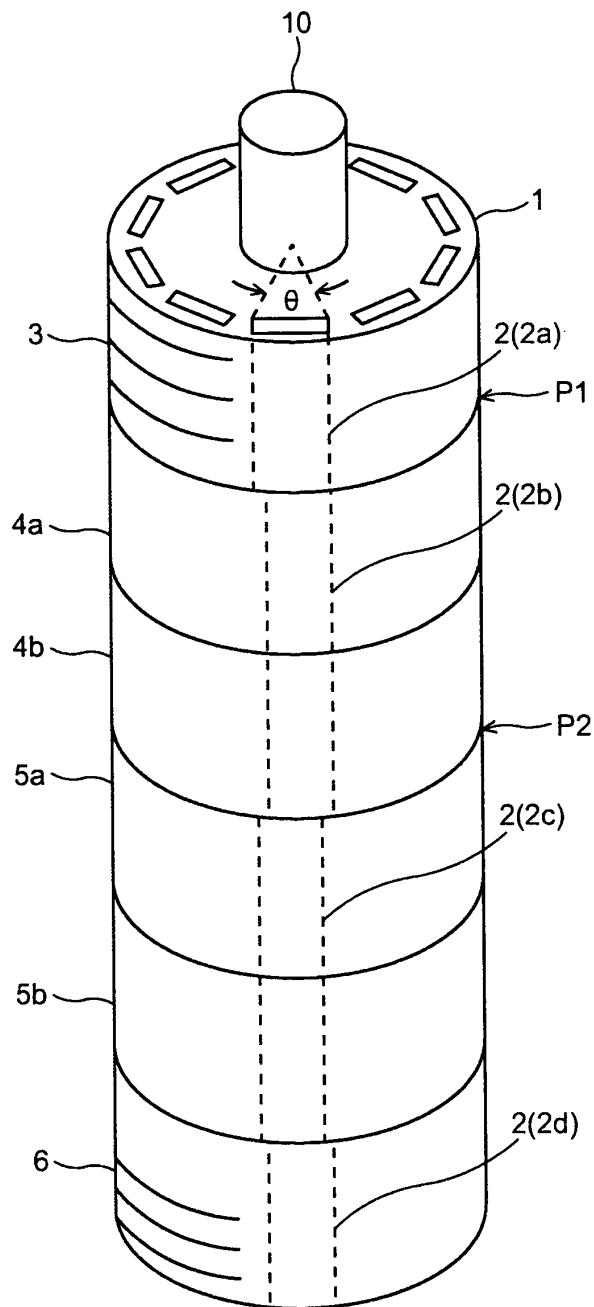


FIG. 15

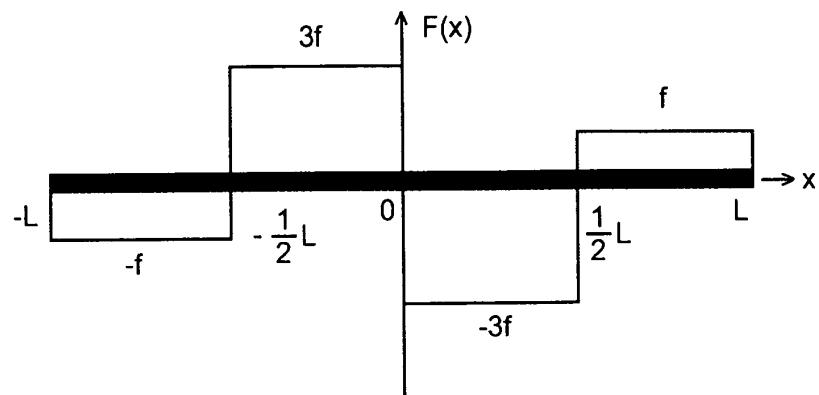


FIG. 16

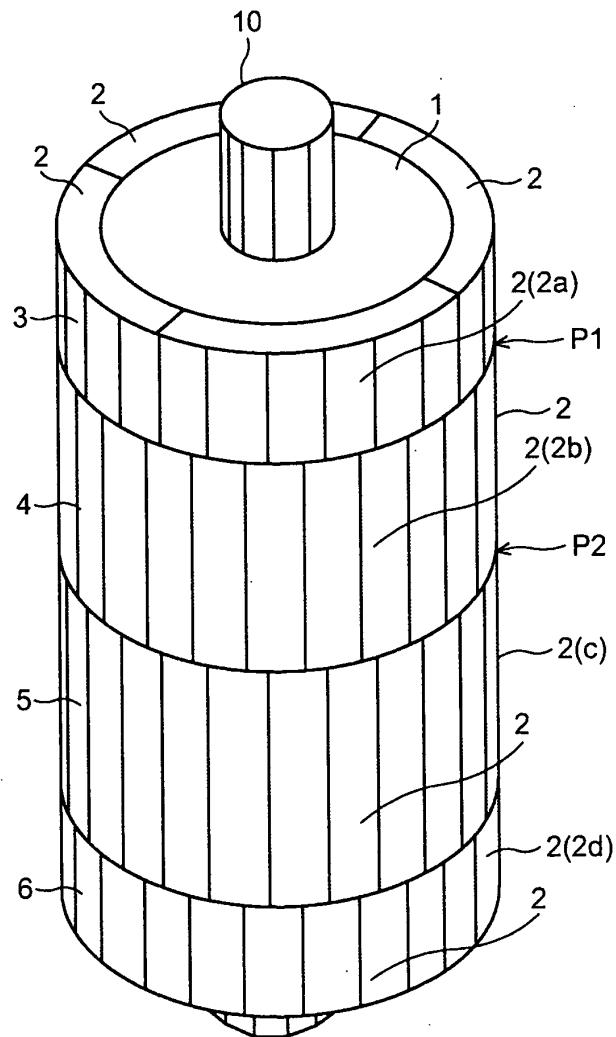


FIG. 17

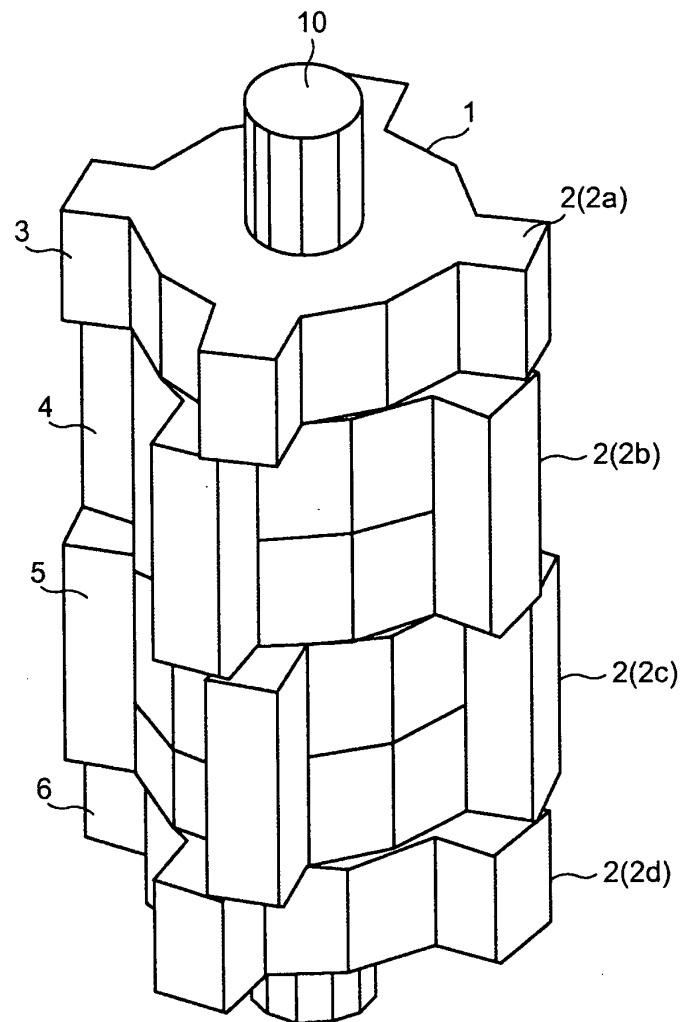


FIG. 18

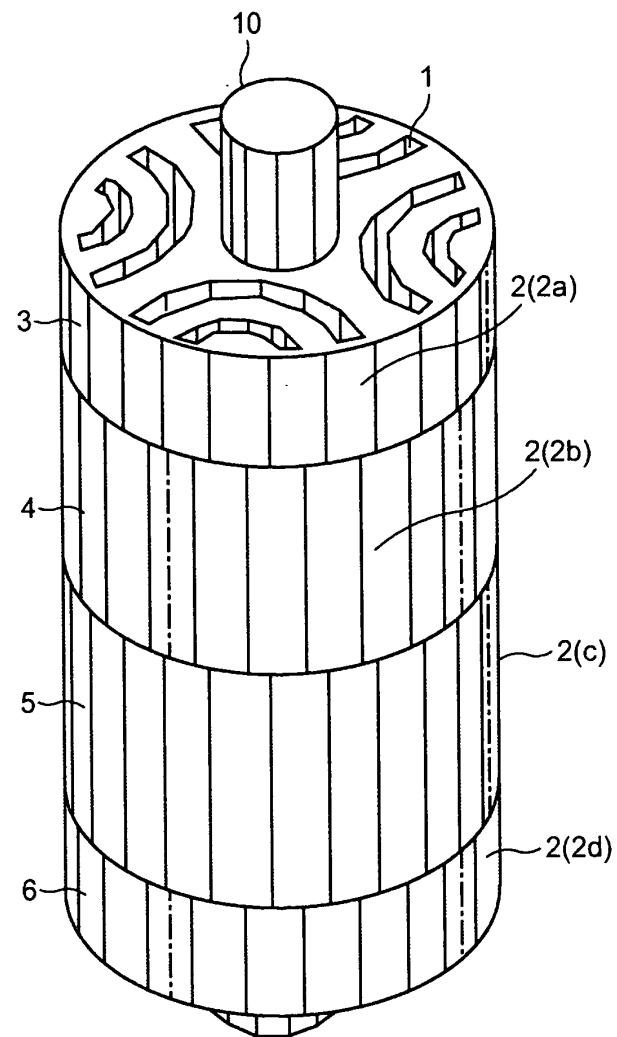


FIG. 19

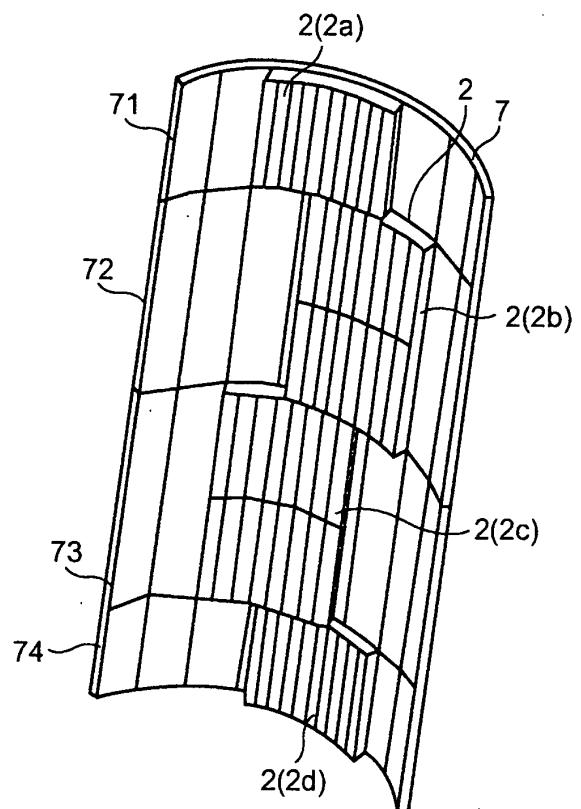


FIG. 20

